

7.6.3 Efficiency Standards for Automatic Commercial Ice Makers (1)

<u>Equipment Type</u>	<u>Type of Cooling</u>	<u>Harvest Rate (lbs ice/24 hrs)</u>	<u>Maximum Energy Use (2) (kWh/100 lbs Ice)</u>	<u>Maximum Condenser Water Use (3) (gal/100 lbs Ice)</u>
Ice Making Head	Water	<500	7.80 - 0.0055H	200 - 0.022H
Ice Making Head	Water	≥500 and <1436	5.58 - 0.0011H	200 - 0.022H
Ice Making Head	Water	≥1436	4.00	200 - 0.022H
Ice Making Head	Air	<450	10.26 - 0.0086H	N/A
Ice Making Head	Air	≥450	6.89 - 0.0011H	N/A
Remote Condensing (not remote compressor)	Air	<1000	8.85 - 0.0038H	N/A
	Air	≥1000	5.10	N/A
Remote Condensing and Remote Compressor	Air	<934	8.85 - 0.0038H	N/A
	Air	≥934	5.30	N/A
Self Contained	Water	<200	11.40 - 0.019H	191 - 0.315H
Self Contained	Water	≥200	7.60	191 - 0.315H
Self Contained	Air	<175	18.0 - 0.0469H	N/A
Self Contained	Air	≥175	9.80	N/A

Note(s): 1) Effective for products manufactured on or after January 1, 2010, for commercial ice makers that produce cube type ice, with capacities between 50 and 2500 pounds per 24-hour period. 2) H = Harvest rate in pounds per 24 hours. 3) Water use is for the condenser only and does not include potable water used to make ice.

Source(s): Title 10, Code of Federal Regulations, Part 431 - Energy Efficiency Program for Certain Commercial and Industrial Equipment, Subpart H - Automatic Commercial Ice Makers. January 1, 2010.